

Formal Verification Engineer (m/f/x)

SKILLS

- Experienced in developing verifiable (or already verified) software
- Experience in functional coding
- Highly motivated to create high-end security software
- Experience in working with Isabelle is a plus
- Experience with microkernel architectures, security aspects, operating system development is a plus
- MS or PhD in information technologies

TASKS

- (Support of) design formal verifiable software components
- Develop formal verifiable software components in either C, Cogent, CakeML
- Integrate the components in the existing environment
- Verify the components with interactive theorem proving methodologies
- Improve verification techniques and tools in collaboration with academic partners